

COPY 194466

Posted: led

Dept: S.A. / other parties

Date: 8/19/08

Time: 2:50

STATE OF SOUTH CAROLINA
BEFORE THE PUBLIC SERVICE COMMISSION
DOCKET NO. 2008-196-E

The Honorable Charles Terreni
Chief Clerk/Administration
South Carolina Public Service Commission
101 Executive Drive
Post Office Drawer 11649
Columbia, South Carolina 29211

RECEIVED

AUG 19 2008

PSC SC
DOCKETING DEPT.

SC PUBLIC SERVICE
COMMISSION

2008 AUG 19 PM 12:15

RECEIVED

Re: Petition and/or Request for:

1. The additional information (RAI) –in the discovery/ interrogatory stage.

1.1 The complete analysis of effects of cooling two AP 1000 reactors on climate and water delivery to great Columbia region as well as the rest of the State of South Carolina. It is necessary to have all numbers and units (including US Customary and SI systems of Units) for the purpose of comparing to other available reactors and their systems built all over the world. Some data, results of calculations and the applied methods, should be fully revealed for discussions and cross-examinations as well as to read them as fully authenticable and credible. In the calculations and analysis it is expected that:

1.1.1 All inputs should indicate their scientific or statistic sources.

1.1.2 The temperature, volume, mass, flow, intensity of evaporation, pressure etc. must be entered in [minimum-average-maximum] spans. Critical values clearly indicated.

1.1.3 The statistical data from existing AP 600 would be a good base for comparison. Suggested are the measurements from its 25 year history of existence and kWh production.

1.1.4 Balances of energy (production – losses – effective output to the grid and to the utmost limits) are the basic functional variables in the analysis.

1.1.5 Results should be checked out and opinion from at least two independent experts in these fields enclosed

1.1.6 The Block Diagram Forms are proper for visual presentations.

1.2 The Broad River statistical records of its water level and flow, including times of droughts. History – notation - hydrological statements and the future predictions in Southeast region are requested because they are essential for the PSC decision.

1.3 Safety requirements on the basis of 25 years of AP 600 reactor in Jenkinsville. If any problems appeared in this period of time – describe them and give measured values comparing to standards and limits as well as rescue actions.

1.4 Seismic analysis and required data sent to the designers.

1.5 More detailed analysis on balancing or not balancing trends in the energy demand in SC by renewable energy ability is necessary here, especially as a function of time and money. Of course, there are two opposite points of view how to solve electric power deficits or lack of power supply (outages). One view is from homeowners and the other from a big electric company. In solar technology a huge number of square meters (feet) for one complex of PV panels installed in one location and sized for many MWe as it is suggested for reactors in Jenkinsville must be compared to the huge number of houses (millions of company's clients) multiplied by average area of their roof's square footage to be sure we compare apples to apples. Statistics of outages, especially in hurricane seasons are requested. In wind power applications the questions like why British plan to build 1000 MW wind farm on the sea, in four years, cannot be adopted off shore SC must be answered too.

1.6 History of AP 1000 technical documentation revisions with the final statements from NRC.

2 **The Site Visit** to All Areas scheduled for Rail Line and Road Installation As Well As All Areas Where the Actual Nuclear Power Plants and All Buildings of the Nuclear Facility Pertaining to Docket# 2008-196-E,: The Combined Application of South Carolina Electric and Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity for a Base Load Review Order for the Construction and Operation of a Nuclear Facility in Jenkinsville, South Carolina.

This (2nd) petition is to support the petition of Ms. *Pamela Greenlaw*.

Dear Mr. Terreni,

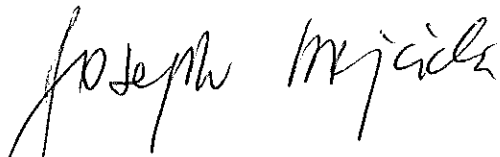
As a one of the intervenors in above case, I do respectfully submit my requests and petition to the Public Service Commission, SCE&G and ORS..

I believe that requested additional information in the suggested form, i.e. mostly as calculations using scientific methods with statistical data would clear many of doubts and gaps in the well prepared SCE&G application.

The people of South Carolina and residents of the great Columbia deserve a higher level of assurance in this so vital to their well-being, as well as so important to the economical progress of SC businesses and industry, which will require new, modern electric power sources.

I am mostly concerned about two aspects reviewed by PSC: (a) public convenience and (b) necessity. If any extension of time will be granted by PSC, I reserve rights to submit another request in discovery stage.

Respectfully submitted,



Joseph Wojcicki
820 East Steele Road
West Columbia, SC 29170
E-mail: joe4solar@aol.com

August 19, 2008

The copy of this petition and request is sent to:

- SC Office of Regulatory Staff
1441 Main Street, Suite 300
Columbia, SC 29201

- Chad Burgess, Senior Counsel,
SCE&G Company
1426 Main Street, Mail Code 130
Columbia, SC 29101

By First Class mail on August 20, 2008